

| L Number | Hits | Search Text  | DB                               | Time stamp       |
|----------|------|--|----------------------------------|------------------|
| 3        | 11   | 623/\$.ccls. AND (titanium ADJ (coated OR coating OR coat)) AND ASTM   | USPAT;<br>US-PGPUB               | 2003/02/06 14:55 |
| 4        | 3    | 623/\$.ccls. AND (dip WITH (coating OR coat OR coated) WITH (chronothane OR chronoflex OR elast-eon OR bionate OR carbosil OR tecothane OR tecoflex OR carbothane))  | USPAT;<br>US-PGPUB               | 2003/02/06 14:58 |
| 5        | 22   | 623/\$.ccls. AND (dip WITH (coating OR coat OR coated) WITH (polyurethane OR polycarbonate OR polyether))  | USPAT;<br>US-PGPUB               | 2003/02/06 15:02 |
| 6        | 13   | 623/\$.ccls. AND (dip WITH (coating OR coat OR coated) WITH (elastomer OR elastomeric))  | USPAT;<br>US-PGPUB               | 2003/02/06 15:04 |
| 7        | 0    | 5674296.pn. AND (coat OR coating OR coated)  | USPAT                            | 2003/02/06 15:04 |
| 8        | 2778 | (implant OR prosthesis OR prosthetic) AND (vertebra OR spine OR intervertebral OR vertebrae OR disk OR disc)   | EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/02/06 15:06 |
| 9        | 0    | (implant OR prosthesis OR prosthetic) AND (vertebra OR spine OR intervertebral OR vertebrae OR disk OR disc) AND ((coating OR coated OR coat) WITH dip WITH elastomer)   | EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/02/06 15:06 |
| 10       | 0    | (implant OR prosthesis OR prosthetic) AND (vertebra OR spine OR intervertebral OR vertebrae OR disk OR disc) AND ((coating OR coated OR coat) WITH dip WITH (chronothane OR chronoflex OR elast-eon OR bionate OR carbosil OR ecothane OR tecoflex OR carbothane)) | EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/02/06 15:07 |
| 11       | 0    | ((implant OR prosthesis OR prosthetic) SAME joint) AND ((coating OR coated OR coat) WITH dip WITH (chronothane OR chronoflex OR elast-eon OR bionate OR carbosil OR ecothane OR tecoflex OR carbothane))   | EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/02/06 15:10 |
| 12       | 0    | ((implant OR prosthesis OR prosthetic) SAME joint) AND (elastomer WITH dip AND (coat OR coated OR coating))  | EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/02/06 15:11 |
| 13       | 0    | ((implant OR prosthesis OR prosthetic) SAME joint) AND (elastomer SAME dip AND (coat OR coated OR coating))  | EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/02/06 15:19 |
| 14       | 2555 | 623/\$.ccls. AND ((polymer OR polymeric) AND (coat OR coated OR coating))  | USPAT;<br>US-PGPUB               | 2003/02/06 15:21 |
| 15       | 1072 | 623/\$.ccls. AND ((polymer OR polymeric) WITH (coat OR coated OR coating))   | USPAT;<br>US-PGPUB               | 2003/02/06 15:31 |
| 16       | 39   | 623/\$.ccls. AND ((polymer OR polymeric) WITH (coat OR coated OR coating) WITH dip)  | USPAT;<br>US-PGPUB               | 2003/02/06 15:21 |
| 17       | 306  | 623/\$.ccls. AND ((polymer OR polymeric) WITH (coat OR coated OR coating)) AND joint   | USPAT;<br>US-PGPUB               | 2003/02/06 15:31 |

| L Number | Hits | Search Text  | DB  | Time stamp       |
|----------|------|--|---|------------------|
| 3        | 7    | bone AND joint AND ((lubricant OR lubricate OR lubricating) SAME liquid SAME cavity)   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/02/06 08:39 |
| 4        | 3    | 623/\$.ccls. AND joint AND ((lubricant OR lubricate OR lubricating) SAME liquid SAME cavity)   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/02/06 08:39 |
| 5        | 2390 | 623/\$.ccls. AND joint AND ((limit OR limiting OR limited) AND (motion OR movement))   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/02/06 08:40 |
| 6        | 807  | 623/\$.ccls. AND joint AND ((limit OR limiting OR limited) WITH (motion OR movement))  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/02/06 08:41 |
| 7        | 2    | 623/\$.ccls. AND joint AND (motion ADJ limiting ADJ (device OR mechanism))   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/02/06 08:42 |
| 8        | 3    | 623/\$.ccls. AND joint AND (motion ADJ limiting WITH (device OR mechanism))  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/02/06 08:42 |
| 9        | 3    | 623/\$.ccls. AND joint AND (motion ADJ (limiting OR limit OR limited) WITH (device OR mechanism))  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/02/06 08:43 |
| 10       | 6    | 623/\$.ccls. AND joint AND ((motion OR movement) ADJ (limiting OR limit OR limited) WITH (device OR mechanism))  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/02/06 08:45 |
| 11       | 2    | spine AND ((motion OR movement) ADJ (limiting OR limit OR limited) WITH (device OR mechanism)) AND (prosthesis OR implant OR prosthetic)   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/02/06 08:46 |
| 12       | 78   | spine AND ((motion OR movement) WITH (limiting OR limit OR limited) WITH (device OR mechanism)) AND (prosthesis OR implant OR prosthetic)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/02/06 08:47 |
| 13       | 5    | (spine OR disc OR disk OR vertebra OR vertebrae OR vertebral OR intervertebral) AND ((motion OR movement) ADJ (limiting OR limit OR limited) WITH (device OR mechanism)) AND (prosthesis OR implant OR prosthetic) | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/02/06 08:49 |
| 14       | 15   | joint AND ((motion OR movement) ADJ (limiting OR limit OR limited) WITH (device OR mechanism)) AND (prosthesis OR implant OR prosthetic)   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/02/06 08:55 |
| 15       | 0    | joint AND ((motion OR movement) ADJ (limiting OR limit OR limited) WITH (device OR mechanism)) AND (prosthesis OR implant OR prosthetic)   | USOCR   | 2003/02/06 09:17 |
| 16       | 0    | 623/\$.ccls. AND (sintering OR sintered OR sinter) WITH bead WITH (nonspherical OR non-spherical)  | USOCR   | 2003/02/06 09:19 |

|    |    |  |                                  |                  |
|----|----|--|----------------------------------|------------------|
| 17 | 2  | 623/\$.ccls. AND (sintering OR sintered OR sinter) WITH bead WITH (nonspherical OR non-spherical)  | USPAT;<br>US-PGPUB               | 2003/02/06 09:19 |
| 18 | 2  | joint AND (prosthesis OR implant OR prosthetic) AND (sintering OR sintered OR sinter) WITH bead WITH (nonspherical OR non-spherical)   | USPAT;<br>US-PGPUB               | 2003/02/06 09:20 |
| 19 | 0  | joint AND (prosthesis OR implant OR prosthetic) AND (sintering OR sintered OR sinter) WITH bead WITH (nonspherical OR non-spherical)   | EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/02/06 09:20 |
| 20 | 1  | joint AND (prosthesis OR implant OR prosthetic) AND (sintering OR sintered OR sinter) WITH bead  | EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/02/06 09:25 |
| 21 | 0  | 623/\$.ccls. AND (surface ADJ (hardened OR hardening OR harden))   | EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/02/06 09:26 |
| 22 | 44 | 623/\$.ccls. AND (surface ADJ (hardened OR hardening OR harden))   | USPAT;<br>US-PGPUB               | 2003/02/06 09:28 |
| 23 | 16 | 623/\$.ccls. AND (surface ADJ (hardened OR hardening OR harden)) SAME (elastomer OR elastomeric OR polymer OR polymeric OR compressible OR resilient)                                    | USPAT;<br>US-PGPUB               | 2003/02/06 09:35 |
| 24 | 15 | joint AND (implant OR prosthesis OR prosthetic) AND (surface ADJ (hardened OR hardening OR harden)) SAME (elastomer OR elastomeric OR polymer OR polymeric OR compressible OR resilient) | USPAT;<br>US-PGPUB               | 2003/02/06 09:36 |
| 25 | 0  | joint AND (implant OR prosthesis OR prosthetic) AND (surface ADJ (hardened OR hardening OR harden)) SAME (elastomer OR elastomeric OR polymer OR polymeric OR compressible OR resilient) | EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/02/06 09:37 |
| 26 | 0  | joint AND (implant OR prosthesis OR prosthetic) AND (surface ADJ (hardened OR hardening OR harden)) SAME (elastomer OR elastomeric OR polymer OR polymeric OR compressible OR resilient) | USOCR                            | 2003/02/06 09:37 |